

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E63166

Participation : CTR

Employer : Bonneville Power Administration

Status : Affected

Worksite : Construction Services

Survey Type : Online

Street : 2401 Ne Minnehaha St

Response Rate : 49%

Jurisdiction : City of Vancouver

Survey Date : 5/24/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 12.1%

Drive Alone Rate : 87.9%

One-Way VMT per employee : 18.8

Average One-Way distance home to work : 27.6

Employees and Survey Response Information

Reported Total Employees at Worksite : 267

Surveys Distributed : 267

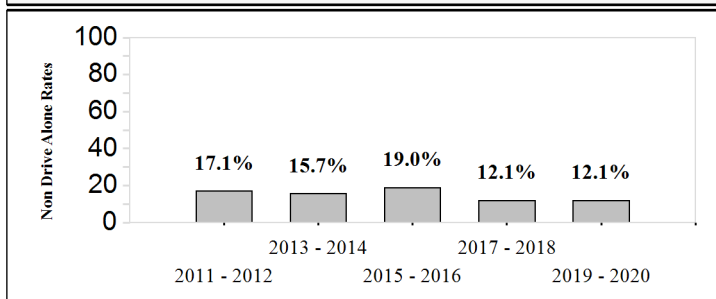
Surveys Returned : 130

Surveys Returned by CTR Affected* Employees : 124

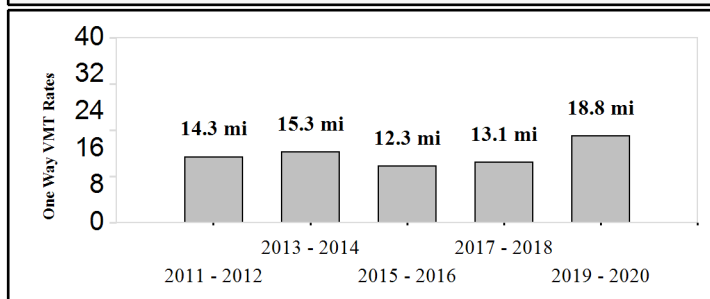
Total Estimated CTR Affected Employees at Worksite : 255

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

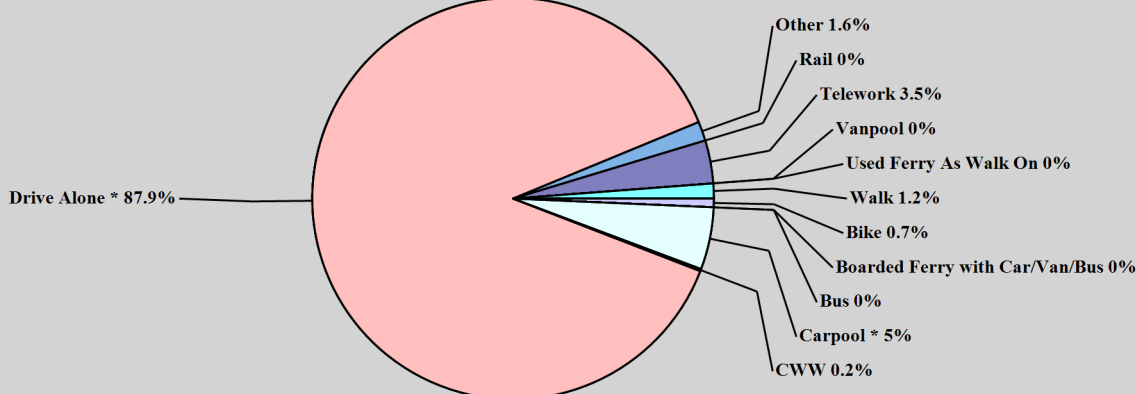
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	17.1%	15.8%	248	593	19.6	14.3	14.8
2013 - 2014	15.7%	15.9%	329	556	18.4	15.3	15.3
2015 - 2016	19.0%	19.0%	147	253	8.4	12.3	12.3
2017 - 2018	12.1%	12.2%	158	625	20.6	13.1	12.8
2019 - 2020	12.1%	12.0%	483	992	32.8	18.8	19.3
Target	23.1%				Target:	11.7	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-5.0				% Change from Baseline:	31.5%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



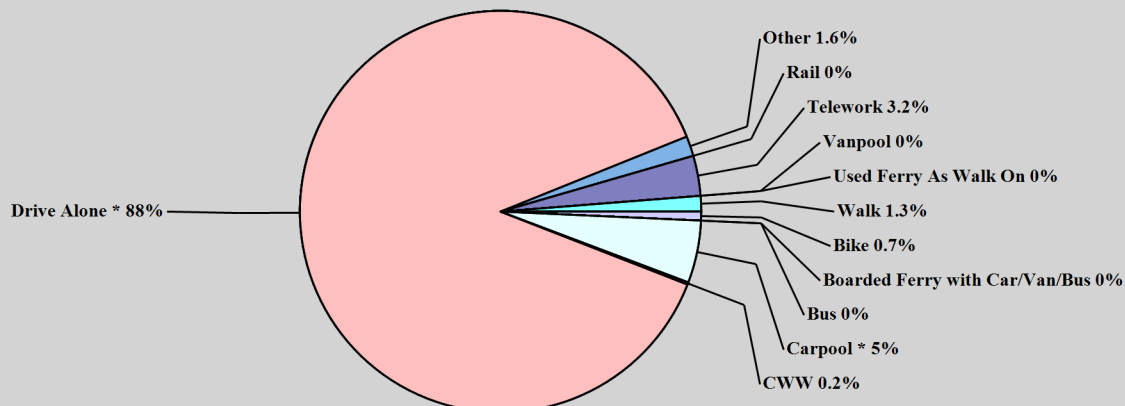
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	508	87.9%	87.9%	121	93.1%	93.1%
Carpool *	29	5.0%	1.8%	9	6.9%	3.4%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	0.0%	0	0.0%	0.0%
Rail	0	0.0%	0.7%	0	0.0%	1.7%
Bike	4	0.7%	0.0%	3	2.3%	0.0%
Walk	7	1.2%	3.7%	2	1.5%	3.4%
Telework	20	3.5%	5.1%	16	12.3%	17.2%
CWW	1	0.2%	0.0%	1	0.8%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	9	1.6%	0.7%	4	3.1%	3.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	491	88.0%	87.8%	115	92.7%	93.0%
Carpool *	28	5.0%	1.9%	8	6.5%	3.5%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	0.0%	0	0.0%	0.0%
Rail	0	0.0%	0.7%	0	0.0%	1.8%
Bike	4	0.7%	0.0%	3	2.4%	0.0%
Walk	7	1.3%	3.7%	2	1.6%	3.5%
Telework	18	3.2%	5.2%	14	11.3%	17.5%
CWW	1	0.2%	0.0%	1	0.8%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	9	1.6%	0.7%	4	3.2%	3.5%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	98	75%	130	100%
1 Days	13	10%	32	25%
2 Days	11	8%	19	15%
3 Days	1	1%	8	6%
4 Days	3	2%	7	5%
5 Days	4	3%	4	3%
6 or More Days	0	0%	0	0%

Count by Occupancy of Carpools and Vanpools

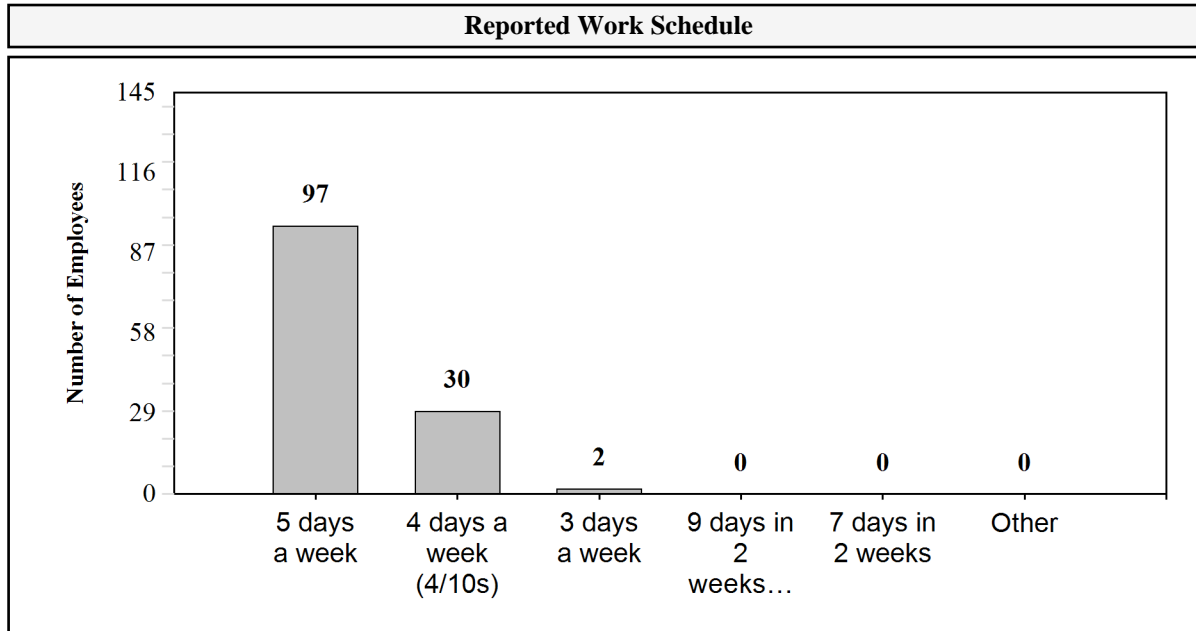
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	29
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

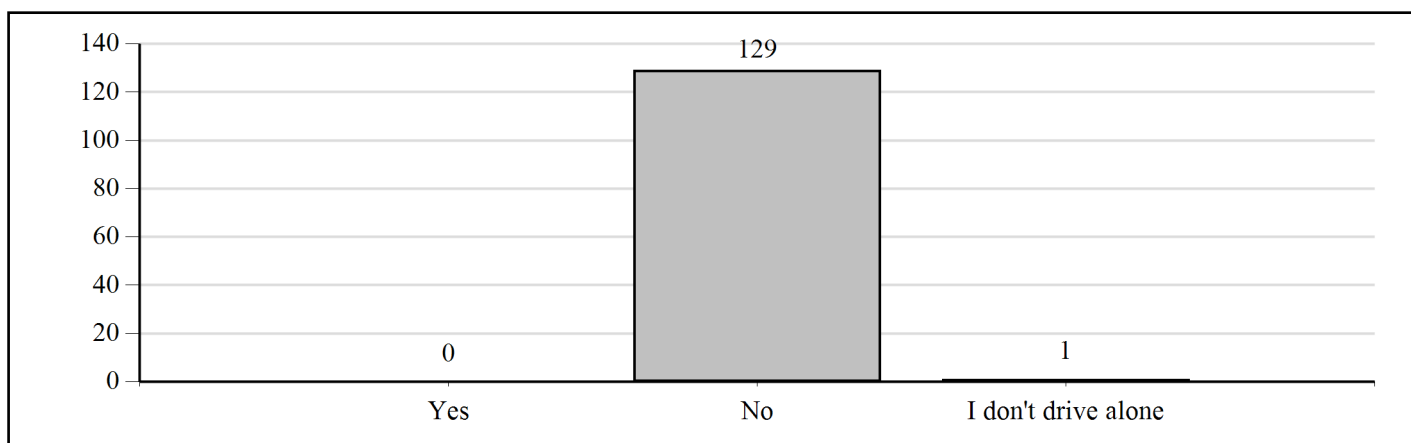
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	97	75.2%
4 days a week (4/10s)	30	23.3%
3 days a week	2	1.6%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	0	0%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	45	34.6%
Occasionally, on an as-needed basis	65	50.0%
1-2 days/month	7	5.4%
1 day/week	9	6.9%
2 days/week	3	2.3%
3 days/week	1	0.8%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	48	19.7%
Personal health or well-being	42	17.2%
To save money	40	16.4%
Other	31	12.7%
Environmental and community benefits	25	10.2%
Financial incentives for carpooling, bicycling or walking.	16	6.6%
Driving myself is not an option	12	4.9%
Free or subsidized bus, train, vanpool pass or fare benefit	10	4.1%
Emergency ride home is provided	7	2.9%
Cost of parking or lack of parking	5	2.0%
Preferred/reserved carpool/vanpool parking is provided	4	1.6%
To save time using the HOV lane	3	1.2%
I receive a financial incentive for giving up my parking space	1	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	80	25.5%
Riding the bus or train is inconvenient or takes too long	74	23.6%
Family care or similar obligations	45	14.3%
Other	33	10.5%
My job requires me to use my car for work	26	8.3%
My commute distance is too short	25	8.0%
Bicycling or walking isn't safe	25	8.0%
I need more information on alternative modes	5	1.6%
There isn't any secure or covered bicycle parking	1	0.3%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98685	10	7.69%	45	0	0	0	0	0	0	0	1	1	0	0	0
98665	9	6.92%	32	0	0	0	0	0	2	7	0	0	0	0	0
98604	8	6.15%	28	5	0	1	0	0	1	0	1	0	0	0	1
98671	8	6.15%	38	0	0	0	0	0	0	0	0	0	0	0	2
98661	6	4.62%	28	0	0	0	0	0	0	0	0	0	0	0	0
98682	5	3.85%	22	0	0	0	0	0	0	0	0	0	0	0	0
98625	4	3.08%	10	8	0	0	0	0	0	0	0	0	0	0	0
98642	4	3.08%	19	0	0	0	0	0	0	0	0	0	0	0	0
98683	4	3.08%	12	2	0	0	0	0	0	0	0	0	0	0	0
97202	3	2.31%	5	4	0	0	0	0	0	0	1	0	0	0	0
97223	3	2.31%	14	0	0	0	0	0	0	0	0	0	0	0	0
98629	3	2.31%	6	0	0	0	0	0	0	0	4	0	0	0	0
98660	3	2.31%	13	0	0	0	0	0	0	0	1	0	0	0	0
98663	3	2.31%	11	0	0	0	0	0	0	0	2	0	0	0	0
98686	3	2.31%	13	0	0	0	0	0	0	0	1	0	0	0	0
97045	2	1.54%	8	0	0	0	0	0	0	0	2	0	0	0	0
97055	2	1.54%	9	0	0	0	0	0	0	0	1	0	0	0	0
97140	2	1.54%	4	3	0	0	0	0	0	0	2	0	0	0	0
97212	2	1.54%	5	0	0	0	0	0	0	0	2	0	0	0	0
97213	2	1.54%	9	0	0	0	0	0	1	0	0	0	0	0	0
97225	2	1.54%	8	0	0	0	0	0	0	0	0	0	0	0	0
98664	2	1.54%	5	2	0	0	0	0	0	0	0	0	0	0	0
98674	2	1.54%	8	0	0	0	0	0	0	0	0	0	0	0	0
	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
80916	1	0.77%	0	0	0	0	0	0	0	0	0	0	0	0	5
97015	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97030	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
97048	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97070	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97106	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97116	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97124	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97127	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97203	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
97210	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97214	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97217	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
97221	1	0.77%	6	0	0	0	0	0	0	0	0	0	0	0	0
97229	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97233	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97236	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97302	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
97305	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
97321	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	1
97402	1	0.77%	3	0	0	0	0	0	0	0	1	0	0	0	0
97701	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
98225	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
98360	1	0.77%	0	0	0	0	0	0	0	0	0	0	0	0	0
98362	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
98513	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
98538	1	0.77%	4	0	0	0	0	0	0	0	1	0	0	0	0
98601	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
98607	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0
98611	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
98626	1	0.77%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98632	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
98662	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
98668	1	0.77%	0	5	0	0	0	0	0	0	0	0	0	0	0
98684	1	0.77%	2	0	0	0	0	0	0	0	0	0	0	0	0
99027	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0
99336	1	0.77%	4	0	0	0	0	0	0	0	0	0	0	0	0